

In re Patent Application of:
WESTPHAL
Serial No. 09/787,290
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In the Abstract:

Please rewrite the abstract as follows:

The invention is directed to apparatus, methods, systems and computer program products which permit a simplification of the logic required for performing a certain function to a minimum set of logical elements of operations, permitting a complex digital circuitry to be simplified so that the processing speed for performing the complex digital operations, is reduced. This is accomplished by using a system of propositional logic ~~(13B)~~, representing the logic of a logical circuit to be designed as points and vectors in a vector space, simplifying the logic of the logical circuit to a simpler form using the points and vectors in a vector space, and designing the circuit using the simpler form.